

Title (en)  
GAS BLAST SWITCH

Publication  
**EP 0025833 B1 19820728 (DE)**

Application  
**EP 80104262 A 19800719**

Priority  
CH 862679 A 19790925

Abstract (en)  
[origin: CA1140190A] INVENTOR: RUDOLF GRAF INVENTION: GAS-BLAST SWITCH A gas-blast switch provided with two coaxially arranged contact elements which can be brought into and out of engagement with one another by carrying out an axial movement. The first contact element which is connected with a drive is arranged in a fixed reference position forwardly of a blast nozzle. The blast nozzle is connected at its inlet side with a compression chamber or space which can be pressurized during the cut-off stroke of the gas-blast switch. In the cut-on stroke of such gas-blast switch the second contact element engages with the blast nozzle. The second contact element is surrounded by a screening body which, in turn, can be shifted back by means of the blast nozzle, during a cut-on stroke of the gas-blast switch, out of its advanced position in the cut-off position, against the action of a spring, along the second contact element. In order to more rapidly increase the spacing between both contact elements at the start of a cut-off stroke than such would correspond to the path of the cut-off stroke, the screening body and the second contact element are coupled with one another so as to perform opposite movements in relation to one another.

IPC 1-7  
**H01H 33/24**

IPC 8 full level  
**H01H 33/91** (2006.01); **H01H 33/24** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)  
**H01H 33/245** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Cited by  
DE19738697C1; CN114424313A; US6365863B1; US6177643B1; WO9912176A3; WO9818144A1; WO9832142A1; WO2021058231A1

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